



14661 Rotunda Drive  
P.O. Box 1699  
Dearborn, MI 48120-1699

July 8, 2008

Chief, Air Enforcement and Compliance Assurance Branch  
Air and Radiation Division (AE-17J)  
USEPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Attention: Enforcement Tracker



Subject: United States of America and Michigan Department of Environmental Quality v.  
Severstal North America, Inc. – Civil Action Nos. 00-75452 and 00-75454,  
USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal's quarterly report for April – June 2008.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix E. On September 24, 2007, a Stipulation was filed with the Court amending Appendix E which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On January 5, 2008, an eruption in the "B" Blast Furnace resulted in a breech in the furnace shell. The furnace has not been in operation since January 5, and therefore, Severstal has not been able to utilize the O&M practices in Appendix E nor have we been able to perform the visible emission monitoring required by Section 19(a). A Force Majeure notification was sent to EPA on January 11, 2008.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. After completion of a dispute resolution process regarding O&M practices and emission control technologies to be used at the BOF, a Stipulation regarding BOF O&M practices was filed with the Court on October 25, 2006, and the list of O&M practices to be used at the BOF was filed with the Court and incorporated into the Consent Order on October 30, 2006 as Appendix G. On October 15, 2007, Severstal began operating a baghouse dust collector to control secondary emissions at the BOF. Accordingly, per the authorization in Section II of Appendix G Severstal has ceased utilization of the O&M practices set forth in Section II of Appendix G. Severstal is continuing to utilize the O&M practices set forth in Section I of Appendix G. Notice of the operation of the baghouse dust collector and the cessation of the Appendix G, Section II O&M practices was given to EPA by letter dated October 26, 2007.

July 8, 2008  
Page 2 of 2

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix F. On September 24, 2007, a Stipulation was filed with the Court amending Appendix F which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On October 19, 2007, the capture-type particulate emission control system at the "C" Blast Furnace Casthouse became fully operational. Accordingly, as authorized by Appendix F Severstal has ceased utilization of the "Ongoing Operating and Maintenance Practices (restated)" listed in Appendix F. Notice of the operation of the particulate emission control system and the cessation of O&M practices was given to EPA by letter dated October 26, 2007.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



James E. Earl, Manager  
Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq.  
Ms. Teresa Seidel  
Scott R. Dismukes, Esq.

**SEVERSTAL NORTH AMERICA, INC.  
CIVIL ACTION NOS. 00-75452 AND 00-75454**

**QUARTERLY REPORT FOR APRIL 1 – JUNE 30, 2008**



<b>SECTION IV MONITORING</b>	<b>RESULTS</b>
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VE data sheets
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	No VE data due to January 5, 2008 eruption
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" Roof Monitors when burning open taphole	None this quarter
O&M practices and Control Technologies For B BF	See Exhibit A
O&M practices and Control Technologies For BOF	See Exhibit C
MDEQ ROP Report Certification and Deviation Report	See Exhibit D

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person (s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
Thomas J. Cera, Chief Operating Officer

9 July 2008

Date

**EXHIBIT A**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2008**  
**O AND M MONITORING**  
**B BLAST FURNACE**

REQUIREMENT	RESULTS
<b><u>GENERAL</u></b>	
Use of natural gas suppression	Furnace not in operation
Tap hole/trough natural gas suppression flow rate >= 135 scfm	Furnace not in operation
Record taphole/trough natural gas suppression flow rate once per cast	Furnace not in operation
Iron runners/iron spouts natural gas suppression flow rate >= 207 scfm	Furnace not in operation
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Furnace not in operation
Gas lance usage requirements	Furnace not in operation
Trough and Iron runner covers in place	Furnace not in operation
<b><u>TAPHOLE AREA</u></b>	
Taphole Burned open	Furnace not in operation

**EXHIBIT A**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2008**  
**O AND M MONITORING**  
**B BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
Visible emission observations within 5 mintutes of starting burning open of taphole	Furnace not in operation
drill bit <= 2" diameter	Furnace not in operation
Natural gas suppression operating continuously during specified times	Furnace not in operation
<b>TROUGH</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Sealing of covered area	Furnace not in operation
<b>IRON RUNNERS</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
<b>IRON SPOUTS</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Heating of iron ladles	Furnace not in operation

**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2008 O AND M MONITORING  
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
<b><u>GENERAL</u></b>	
Submit final Emission Control Alternatives to Reduce Emissions from Treadwell Cars Report to MDEQ	Report submitted on January 4, 2007
There shall be no visible emissions escaping into the shop through the expansion joints of the furnace hoods during oxygen blowing	Met every heat
<b><u>HOT METAL CHARGING</u></b>	
Hot metal charge into furnace shall not be less than 90 seconds in duration	No longer required
Furnace angle shall not be less than 320 degrees from the vertical at the beginning of the charge. The furnace angle shall not be less than 300 degrees at the end of charge, except when the hot metal charge duration is at least 120 seconds	No longer required
Humidification steam shall be in operation during hot metal charge	No longer required
Fugitive emission duct damper shall be fully opened during hot metal charge	No longer required
The furnace exhaust damper shall be fully opened during hot metal charge	No longer required
Area between the fugitive emission duct hood and furnace exhaust hood shall be totally covered with shrouds	No longer required

**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2008 O AND M MONITORING  
BASIC OXYGEN FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b>OXYGEN BLOWING</b>	
Fugitive emission duct damper shall be closed during oxygen blowing	No longer required
The furnace exhaust damper shall be fully opened during oxygen blowing	No longer required
Oxygen blow rate shall not exceed 24,500 scfm	No longer required
Oxygen blow rate shall be reduced to approximately 18,000 scfm during and between minutes 8 and 14 of the blow	No longer required
<b>TURNDOWN</b>	
If any emissions during initial turndown that are not captured by the furnace hood, upright vessel. If during a second turndown, there are any emissions that are not captured by the hood, there shall be no more turndowns for that heat	No longer required
<b>TAPPING</b>	
The furnace exhaust hood shall be used to capture emissions from all tapping operations until any addition of conditioners to the steel ladle are complete	No longer required

**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2008 O AND M MONITORING  
BASIC OXYGEN FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b>ESP</b>	
Visible emission reading for the ESP stack for two consecutive hours each day one or more complete compartments is out of service	No longer required
<b>VESSEL OPERATIONS</b>	
Shall not hot metal charge and tap and hot metal charge and oxygen blow simultaneously	No longer required

## **EXHIBIT D**



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

## RENEWABLE OPERATING PERMIT REPORT CERTIFICATION

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name Severstal North America, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

**Annual Compliance Certification (Pursuant to Rule 213(4)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

- 1. During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.
- 2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, **EXCEPT** for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

**Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

- 1. During the entire reporting period, **ALL** monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.
- 2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, **EXCEPT** for the deviations identified on the enclosed deviation report(s).

**Other Report Certification**

Reporting period (provide inclusive dates): From 04/1/08 To 06/30/08

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

United States of America and Michigan Department of Environmental Quality v.

Severstal North America, Inc. - Civil Action Nos. 00-75452

and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Thomas J. Cera Name of Responsible Official (print or type)	Chief Operating Officer Title	(313) 323-1540 Phone Number
--	----------------------------------	--------------------------------

Signature of Responsible Official

9-July-2008  
Date



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal North America, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact James E. Earl Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 04/01/08 to 06/30/08

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>III.B.3.1</u>	3. Date(s) of Occurrence <u>Starting 4/1/08</u>	4. Previously reported ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If Yes, Date 1/11/08</u>	5. Duration of Deviation <u>13 weeks</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not conduct weekly visible emission observations of roof monitor. See our 1/11/08 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to perform the visible observations.				

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>III.B.3.2</u>	3. Date(s) of Occurrence <u>5/5/08, 6/3/08 6/20/08, 6/21/08</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>If Yes, Date</u>	5. Duration of Deviation <u>60 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not perform visible emission readings of bleeder stack for unanticipated discharges during daylight hours.		
8. Reason for Deviation and Description of Corrective Action Taken Notification to Method 9 readers could not be made in time to perform the readings.				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>Starting 4/1/08</u>	4. Previously reported ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If Yes, Date 1/11/08</u>	5. Duration of Deviation <u>91 days</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Operation and maintenance practices were not utilized on an ongoing basis. See our January 11, 2008 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to utilize the operation and maintenance practices.				

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

RECEIVED

JUL 14 2008

AIRENFORCEMENTBRANCH  
U.S.EPA, REGION 5

DATE:	6-5-08	
OBSERVER:	J. Earl	
START:	8:25 am	pm
FINISH:	9:11 am	pm
Source:	C BEB Blaster	
Observation Point	Miller Rd	
distance from:	500'	
direction from:	SE	
source height:	220'	
wind direction	NE	
wind speed	0-5	
sky condition	Hazy	
amb. temp. (F)	65	
color of emissions	Gray / Black	
other;		
Remarks;		

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	10	10	10	10	
3						33	10	10	10	10	
4						34	20	20	15	15	
5						35	15	15	15	15	
6						36	15	15	15	10	
7						37	10	10	10	10	
8						38	10	10	10	10	
9						39	10	10	10	10	
10						40	15	15	15	15	
11						41	10	10	10	10	
12						42	15	15	15	15	
13						43	20	20	15	15	
14						44	15	15	15	15	
15						45	15	10	10	15	
16						46	15	10	10	10	
17						47	15	15	15	15	
18						48	15	10	10	10	
19						49	10	10	10	10	
20						50	15	15	10	10	
21						51	10	10	10	5	
22						52	5	5	10	10	
23						53	5	5	10	10	
24						54	5	5	5	5	
25	10	10	10	10		55	5	5	5	5	
26	10	10	10	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Observer's Signature

Last Certification Date

Apr 10 08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-5-08											
OBSERVER:	J. Earl											
START:	8:25 am pm											
FINISH:	9:11 am pm											
Source:	CBF Bleeder											
Observation Point	Miller Rd											
distance from:	500'											
direction from:	SE											
source height:	220'											
wind direction	SE											
wind speed	0-5											
sky condition	Hazy											
amb. temp. (F)	75											
color of emissions	Gray/Black											
other:												
Remarks:												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	0	0	5	5		31					
2	5	0	5	0		32					
3	0	5	5	0		33					
4	0	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date

April 08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-23-08
OBSERVER:	Ed Thomas
START:	8:30 am
FINISH:	10:30 am
Source:	BOP BOF - MARKER
Observation Point	By Gate #1
distance from:	650 - 700 ft
direction from:	SE
source height:	250 ft
wind direction	NNE
wind speed	2 mph
sky condition	Partly cloudy
amb. temp. (F)	60° - 71°
color of emissions	White smoke
other;	Hat nos. 10059 79300
Remarks;	A CALLED 8:30 START ... 10:30 HAD IN 10:30 AM - CALLED 8:30 AM
Observer's Signature	Ed Thomas

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	A
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04-07-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-23-08
OBSERVER:	Bo TELNERS
START:	9:00 am
FINISH:	10:30 am
Source:	13# ROLLING MILL 23
Observation Point	6# GATE #1
distance from:	600 ft
direction from:	SE
source height:	280 ft
wind direction	NNW
wind speed	3 mph
sky condition	Partly cloudy
amb. temp. (F)	68-71
color of emissions	White with black
other:	
Remarks:	<u>A few small EMISSIONS RIGHT SIDE OF CENTER LINE MONITOR</u>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	<u>A</u>
13	○	○	○	○		43	S	S	S	S	10
14	○	○	○	○		44	S	S	S	S	0
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	S	S	S	S	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Bo Telner

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-27-08
OBSERVER:	EO TOLHES
START:	8:30 am pm
FINISH:	10:30 am pm
Source:	Blast Furnace
Observation Point	BY GATE #1
distance from:	650-700 ft
direction from:	SS
source height:	250'
wind direction	NNB
wind speed	3 mph
sky condition	Partly cloudy
amb. temp. (F)	60° F 70° F
color of emissions	White unless noted
other:	
Remarks:	
Observer's Signature	EO Tolhes

6:00 AM						6:00 PM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	06/17/08
OBSERVER:	ED TEHNER-S
START:	10:45 am
FINISH:	10:58 am
Source:	BOF RAOF MONITORS
Observation Point	BY GATE #1
distance from:	100ft
direction from:	EAST
source height:	250'
wind direction	NNE
wind speed	1 mph
sky condition	Cloudy
amb. temp. (F)	59° 64°
color of emissions	(WHTS UNLESS NO)
other:	
Remarks:	Had no.
	39981
	79229
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 06/17/08
OBSERVER: BO THOMAS
START: 10:45 am pm
FINISH: am 12:08 pm
Source: BOP Roof Monitor
Observation Point: GATE #1
distance from: 700'
direction from: NE
source height: 200'
wind direction: WNW
wind speed: 7 mph
sky condition: cloudy
amb. temp. (F) 57° - 62°
color of emissions: white and grey
other: Heat-NOC
Remarks:
<input checked="" type="checkbox"/> Brown in A- <input checked="" type="checkbox"/> VESSEL <input checked="" type="checkbox"/> Brown North Side
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	10	13	13	A
1	0	0	0	0		31	5	0	0	0	A
2	0	0	0	0		32	0	0	0	0	A
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	5	A
5	0	0	0	0		35	3	0	0	0	A
6	0	0	0	0		36	0	8	0	0	
7	0	0	0	0		37	0	8	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	6	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/09/08

# SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 06/17/08	
OBSERVER: Bo Telmer	
START: 10:48 am pm	
FINISH: am) 12:49 pm)	
Source: BOF ROOF MONITOR	
Observation Point BOF #1	
distance from: 100'	
direction from: NNE	
source height: 200'	
wind direction WNW	
wind speed 7 mph	
sky condition cloudy	
amb. temp. (F) 57°-60°	
color of emissions white with some light	
other:	
Remarks:	
Observer's Signature <i>Bo Telmer</i>	

12:00 PM					
MIN	0	15	30	45	REMARKS
0	0	0	0	0	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
					59

Last Certification Date

*04/09/08*

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-10-08											
OBSERVER:	EO TELFER											
START:	7:45	am	pm									
FINISH:	10:45	am	pm									
Source:	BSP ROLL MONITOR											
Observation Point	By Gate #1											
distance from:	700'											
direction from:	SB											
source height:	250'											
wind direction	WSW											
wind speed	8 mph											
sky condition	OVERCAST											
amb. temp. (F)	67°											
color of emissions	WHITE ORANGE											
other:												
Remarks:	Heat No.											
	79127											
	39892											

7:00 AM																			
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS		
0						30													
1						31													
2						32													
3						33													
4						34													
5						35													
6						36													
7						37													
8						38													
9						39													
10						40													
11						41													
12						42													
13						43													
14						44													
15						45													
16						46													
17						47													
18						48													
19						49													
20						50													
21						51													
22						52													
23						53													
24						54	0	0	0	0									
25						55	0	0	0	0									
26						56	0	0	0	0									
27						57	0	0	0	0									
28						58	0	0	0	0									
29						59	0	0	0	0									

Observer's Signature

EO Telfer

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-10-08
OBSERVER:	ED TELFERS
START:	7:34 am
FINISH:	8:45 pm
Source:	BEST RUST MONITORS
Observation Point	671 GATE #1
distance from:	750'
direction from:	SE
source height:	250'
wind direction	WSW
wind speed	8 mph
sky condition	OVERCAST
amb. temp. (F)	67°
color of emissions	WHITE UNLESS HOT
other:	
Remarks:	
Observer's Signature	<i>Ed Telfers</i>

8:00 AM						8:00 PM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 09-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-10-08
OBSERVER:	EO TELMANS
START:	7:34 am pm
FINISH:	10:34 am pm
Source:	BOF ROF MONTARS
Observation Point	BY GATE #1
distance from:	700'
direction from:	SE
source height:	150'
wind direction	WSW
wind speed	8 mph
sky condition	OVERCAST
amb. temp. (F)	67°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A AND B VISIBL A VISIBLE
Observer's Signature	EO Telman

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	5	10	5	▲	34	0	0	0	0	
5	3	0	0	0	n	35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	5	5	5	▲	56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-16-08
OBSERVER:	B. TELWARS
START:	7:54 am pm
FINISH:	10:54 am pm
Source:	BLD Remonty
Observation Point	B4 GATE #1
distance from:	700'
direction from:	NE
source height:	250'
wind direction	WSW
wind speed	8 mph
sky condition	Partly
amb. temp. (F)	67°-70°
color of emissions	White/Unseen
other,	
Remarks;	
Observer's Signature	<i>E. Telwars</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

84-09-18

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-2-08
OBSERVER:	Eugene Tolentino
START:	8:45 am pm
END:	8:55 am pm
loc:	LT Pier Monitoring
	1
from:	100' - 140'
to:	NB
height:	250 ft
wind direction	SSW
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	61 - 75 °
color of emissions	White unless noted
other:	
Remarks:	Heat No. 39795 39796
Observer's Signature	<i>Eugene Tolentino</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 10-14-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-1-05
OBSERVER:	Bob Toland
START:	7:45 am
FINISH:	10:45 am
Source:	BOF East Main Stack
Observation Point	By Gate #1
distance from:	600 ft
direction from:	NB
source height	130 ft
wind direction	53°
wind speed	3 mph
sky condition	clear
amb. temp. (F)	61° F
color of emissions	white
other:	
Remarks:	<input checked="" type="checkbox"/> GENERAL EMISSIONS <input checked="" type="checkbox"/> OFF GATE <input checked="" type="checkbox"/> CENTER LINE <input checked="" type="checkbox"/> NO COOLING
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0	A	59	0	0	0	0	

Last Certification Date Oct - Oct - 05

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-26-08	
OBSERVER:	E. TELFER	
START:	8:45 am	pm
FINISH:	10:06 AM	pm
Source:	BOP Plant Meltshop	
Observation Point	By Gate #1	
distance from:	Line 500	
direction from:	NB	
source height:	250'	
wind direction	SSW	
wind speed	3 mph	
sky condition	Cloudy	
amb. temp. (F)	61° - 75°	
color of emissions	White	
other:		
Remarks:		
Observer's Signature	E. Telfer	

10:06 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	6		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	6		32	0	0	0	6	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	6	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	2	0	0	
12	0	3	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-17-08
OBSERVER:	E.O. TELNERS
START:	9:15 (am)      pm
FINISH:	am 12:25 (pm)
Source:	BOP REEF MNT, PLS
Observation Point	BY GATE #1
distance from:	650 - 700'
direction from:	NB
source height:	250'
wind direction	NK
wind speed	13 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	48° - 55°
color of emissions	WHITE UNLESS NOTED
other:	Heat Nos 73942 78943
Remarks:	
Observer's Signature	E.O. Telnens

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	1		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-27-08
OBSERVER:	Ed Telmers
START:	9:15 am
FINISH:	12:25 pm
Source:	BUP flue stack tops
Observation Point	By GATE #1
distance from:	636 - 700'
direction from:	NE
source height	250'
wind direction	NE
wind speed	13 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	44 - 55°
color of emissions	white UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telmers

10:06 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	6	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-77-08
OBSERVER:	ED TELNER
START:	9:15 am
FINISH:	12:15 pm
Source:	B6E ROOF MONITORS
Observation Point	BY GATE #1
distance from:	150-700'
direction from:	N3
source height:	250'
wind direction	W3
wind speed	13 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	48-55°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telner

MIN	0 15 30 45					REMARKS	MIN	0 15 30 45					REMARKS
	0	0	0	0	0			0	0	0	0	0	
0	0	0	0	0	0		30	0	0	0	0	0	
1	0	0	0	0	0		31	0	0	0	0	0	
2	0	0	0	0	0		32	0	0	0	0	0	
3	0	0	0	0	0		33	0	0	0	0	0	
4	0	0	0	0	0		34	0	0	0	0	0	
5	0	0	0	0	0		35	0	0	0	0	0	
6	0	0	0	0	0		36	0	0	0	0	0	
7	0	0	0	0	0		37	0	0	0	0	0	
8	0	0	0	0	0		38	0	0	0	0	0	
9	0	0	0	0	0		39	0	0	0	0	0	
10	0	0	0	0	0		40	0	0	0	0	0	
11	0	0	0	0	0		41	0	0	0	0	0	
12	0	0	0	0	0		42	0	0	0	0	0	
13	0	0	0	0	0		43	0	0	0	0	0	
14	0	0	0	0	0		44	0	0	0	0	0	
15	0	0	0	0	0		45	0	0	0	0	0	
16	0	0	0	0	0		46	0	0	0	0	0	
17	0	0	0	0	0		47	0	0	0	0	0	
18	0	0	0	0	0		48	0	0	0	0	0	
19	0	0	0	0	0		49	0	0	0	0	0	
20	0	0	0	0	0		50	0	0	0	0	0	
21	0	0	0	0	0		51	0	0	0	0	0	
22	0	0	0	0	0		52	0	0	0	0	0	
23	0	0	0	0	0		53	0	0	0	0	0	
24	0	0	0	0	0		54	0	0	0	0	0	
25	0	0	0	0	0		55	0	0	0	0	0	
26	0	0	0	0	0		56	0	0	0	0	0	
27	0	0	0	0	0		57	0	0	0	0	0	
28	0	0	0	0	0		58	0	0	0	0	0	
29	0	0	0	0	0		59	0	0	0	0	0	

Last Certification Date 09-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-21-08
OBSERVER:	ED TELNERS
START:	9:15 am
FINISH:	am 12:25 pm
Source:	B505 Roof Monitors
Observation Point	By GATE #1
distance from:	GSC - 700'
direction from:	NW
source height:	250'
wind direction	NW
wind speed	12 mph
sky condition	Partly cloudy
amb. temp. (F)	45° + 53°
color of emissions	WHITE UNLESS NOT SO
other:	
Remarks:	
Observer's Signature	Ed Telner

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-20-08
OBSERVER:	Ed Tolnay
START:	8:13 am
FINISH:	10:15 pm
Source:	By Roof monitors
Observation Point	By gate #1
distance from:	650 - 700'
direction from:	SSE
source height:	1250'
wind direction	NNW
wind speed	6 mph
sky condition	SCATTERED
amb. temp. (F)	50° - 60°
color of emissions	White UNLESS noted
other:	Hat No. 78851 78852
Remarks:	A white EMISSIONS FROM BOTH A+B VRSSB'S
Observer's Signature	Ed Tolnay

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	3	A
20	0	0	0	0		50	10	10	5	11	
21	0	0	0	0		51	3	0	0	0	4
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-20-08
OBSERVER:	EO TELNERS
START:	8:15 am
FINISH:	10:15 (am) pm
Source:	BPF Roads Monitor
Observation Point	By Gate #1
distance from:	500-700'
direction from:	SSE
source height	250'
wind direction	NNW
wind speed	6 mph
sky condition	SCATTERED
amb. temp. (F)	50°-60°
color of emissions	WHITE/UNVISABLE
other:	
Remarks:	
Observer's Signature	EO Telners

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-07-08

# SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/20/08
OBSERVER:	E.O. Tschirhart
START:	8:45 am
	pm
FINISH:	10:15 am
	pm
Source:	RUF Rail Monitor
Observation Point	By Gate #1
distance from:	500 - 700'
direction from:	SSE
source height	250'
wind direction	NNW
wind speed	6 mph
sky condition	Partly Cloudy
amb. temp. (F)	51 - 60°
color of emissions	White smoke noted
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	8	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 6/4/07-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5/13-08
OBSERVER:	Ed Telnes
START:	9:00 am pm
FINISH:	10:00 am pm
Source:	BOP REEF MACHINES
Observation Point	By Gate #1
distance from:	650'
direction from:	SE
source height:	75ft
wind direction	55E
wind speed	1 mph
sky condition	Partly Cloudy
amb. temp. (F)	43 + 61°
color of emissions	Lighter Yellowish
other:	Hof Mr. 78762 39529
Remarks:	<p>(1) WHITE EMISSIONS FROM NORTH VESSEL</p> <p>(2) BROWN EMISSIONS FROM BOTH NORTH &amp; SOUTH VESSELS</p>
Observer's Signature	Ed Telnes

MIN	REMARKS				MIN	REMARKS			
	0	15	30	45		0	15	30	45
0	0	0	0	0	30	0	0	0	0
1	5	5	10	15	31	0	0	0	0
2	15	10	5	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-13-08
OBSERVER:	ED Tylner
START:	8:00 am pm
FINISH:	10:00 am pm
Source:	DEF RHF Monitor
Observation Point	By Gate #1
distance from:	650'
direction from:	SE
source height:	250'
wind direction:	SSW
wind speed:	1 mph
sky condition:	Partly cloudy
amb. temp. (F)	43°, 61°
color of emissions:	White unless noted
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	S-6-08
OBSERVER:	Ed Tschirhart
START:	8:46 am
FINISH:	10:40 am
Source:	Roll ROLL MONITORS
Observation Point	BY GATE #1
distance from:	760'
direction from:	SW
source height	250'
wind direction	N/S
wind speed	3 mph
sky condition	SCATTERED CLOUDS
amb. temp. (F)	49° - 50°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Heat No.	78669
	78670

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature

Ed Tschirhart

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	S-6-08
OBSERVER:	ED TISLINSKI
START:	8:40 am
FINISH:	10:40 am
Source:	BOPF Roof Montage
Observation Point	By Gate #1
distance from:	760'
direction from:	SE
source height:	250'
wind direction	NB
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	47°-64°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<p>△ WHITE EMISSIONS OFF NORTH VESSEL</p> <p>△ YELLOW EMISSIONS OFF NORTH VESSEL</p>
Observer's Signature	Ed Tislinski

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	3	▲	51	0	0	0	0	
22	5	5	0	0	▲	52	0	0	0	0	
23	3	3	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	5	5	▲	55	0	0	0	0	
26	3	3	3	5	▲	56	0	0	0	0	
27	0	0	0	0	■	57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	S-6-08
OBSERVER:	EO TETNER
START:	8:46 am pm
FINISH:	10:40 am pm
Source:	BUF Roof Monitor
Observation Point	By Gate #1
distance from:	300'
direction from:	SE
source height	250'
wind direction	NB
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	49-64°
color of emissions	White unless noted
other:	
Remarks:	-TURN on power NEXT NIGHT RUST NOW 10:11AM
Observer's Signature	EO Tetner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 04-07-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	09-28-08
OBSERVER:	Eo Telmer
START:	8:15 am
FINISH:	10:15 am
Source:	B2E REXX MONSTER
Observation Point	BY GATE #1
distance from:	700'
direction from:	SE
source height:	250'
wind direction	NNB
wind speed	5 mph
sky condition	OVERCAST
amb. temp. (F)	47° - 50°
color of emissions	WHITE UNLESS NOTED
other:	Heat No. 78583 78589
Remarks:	A WHITE SMOKE NORTH + SOUTH VESSEL A BROWN SMOKE SOUTH VESSEL A BROWN EMISSION NORTH VESSEL
Observer's Signature	Eo Telmer

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	S	I	D	105 A Brown	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	S	S	S	A		58	0	0	0	0	
29	3	10	10	5	A Brown	59	0	0	0	0	

Last Certification Date 04-07-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-28-08
OBSERVER:	EO TELHENS
START:	8:15 am pm
FINISH:	10:15 am pm
Source:	BOF RHF MONITOR
Observation Point	By GATE #1
distance from:	100'
direction from:	SE
source height	250'
wind direction	NNW
wind speed	3 mph
sky condition	OVERTCAST
amb. temp. (F)	47° - 50°
color of emissions	
NOTE IT'S UNLESS NOTED	
other:	
Remarks:	
<b>A</b> WHITE EMISSIONS OFF NORTH & SOUTH VESSELS	
<b>B</b> BROWN EMISSIONS OFF OF (N) HSC VESSELS	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	2	5	5	A	46	0	0	0	0	
17	10	3	3	5	A	47	0	3	3	5	A
18	5	10	10	10	A	48	5	3	0	0	
19	3	3	0	0	A	49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

EO Telhens

Last Certification Date

04-09-08

(3) WHITE EMISSIONS OFF SOUTH  
VESSEL

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-28-88
OBSERVER: Ed Telmer
START: 8:35 am pm
FINISH: 10:18 am pm
Source: ROF (Roof Montage)
Observation Point
By gate #1
distance from: 700'
direction from: SE
source height 250'
wind direction NNE
wind speed ~ MPH
sky condition OVERCAST
amb. temp. (F) 47°-50°
color of emissions
WATER SPRAY NOTED
other:
Remarks:
<i>△ LIMITED EMISSIONS OFF SOUTH SIDE</i>
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	5	0	5	△	41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

04-07-88

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4/21/08
OBSERVER:	Ed Telmer
START:	8:30 am
FINISH:	10:30 am
Source:	RHF Rove Monitors
Observation Point	BY GATE #1
distance from:	650 - 700'
direction from:	SE
source height	250'
wind direction	NE
wind speed	5-10 mph
sky condition	CLOUDY
amb. temp. (F)	50° C 44°
color of emissions	White
other:	Heat Noc 78532 39284 78503
Remarks:	<u>ALL WHITE EMISSIONS</u> OFF OF NORTH AND SOUTH VESSELS
Observer's Signature	Ed Telmer

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	5	10	10	10	A
6						36	10	10	10	10	A
7						37	5	5	5	5	A
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-21-08	9:00AM											
OBSERVER: EO TELMANS												
START: 8:30 am pm												
FINISH: 10:30 am pm												
Source:	BLF RUST MONITOR											
Observation Point	By GATE #1											
distance from: 650 - 700'												
direction from: SE												
source height 280'												
wind direction ESE												
wind speed 5-10 mph												
sky condition cloudy												
amb. temp. (F) 59 - 64°												
color of emissions	WHITE UNLESS HEATED											
other:												
Remarks:	↑ SOUTH VESSEL WHITE EMISSION											
Observer's Signature	EO Telmans											

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	3	5	▲
23	0	0	0	0		53	10	3	0	0	▲
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	6	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	8	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-21-08
OBSERVER: Ed Telmers
START: 8:30 am pm
FINISH: 10:30 am pm
Source: BOF ROOF MONITORS
Observation Point By GRATE #1
distance from: 650 - 700'
direction from: SE
source height: 250'
wind direction ESE
wind speed 5-10 mph
sky condition PARTLY CLOUDY
amb. temp. (F) 59-60.46
color of emissions (WIL, TB UNLESS NOTED)
other:
Remarks: <del>EMISSIONS OUT OF SOUTH VESSEL BROWN</del>
Observer's Signature

10:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	5	5	5	48					
19	10	3	3	3	5	49					
20	10	3	3	3	8	50					
21	○	○	3	8		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Observer's Signature

Ed Telmers

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-14-08
OBSERVER:	EOTELNERS
START:	8:00 am pm
FINISH:	10:00 am pm
Source:	BOF RUF MNTJRS
Observation Point	BY GATE ONE
distance from:	650'
direction from:	SE
source height:	750'
wind direction	NORTH
wind speed	6 MPH
sky condition	SCATTERED
amb. temp. (F)	23-42°
color of emissions	WHITE UNLESS NOTE
other:	Heat NDS.
	7842A 39185
Remarks:	A CALCO BOF RUF MNTJRS SAID TANKS PARHEO THAT'S WHY HIGH EMISSIONS
Observer's Signature	EOTelners

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	5	10	15	20	AT BUS	44	○	○	○	○	
15	3	5	0	0	BY BUS	45	○	○	○	○	
16	0	0	0	0		46	○	○	○	○	
17	5	15	23	15	△ BRW	47	○	○	○	○	
18	23	23	15	70		48	○	○	○	○	
19	5	0	3	0		49	○	○	○	○	
20	0	0	0	0		50	○	○	○	○	
21	0	0	0	0		51	○	○	○	○	
22	0	0	0	0		52	○	○	○	○	
23	0	0	0	0		53	○	○	○	○	
24	0	0	0	0		54	○	○	○	○	
25	0	0	0	0		55	0	5	3	5	AT BUS
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-14-08
OBSERVER: EO TBL/BRS
START: 8:00 am pm
FINISH: 10:00 am pm
Source: Blue Roof Monitors
Observation Point: By GATE #1
distance from: 650'
direction from: SB
source height: 250'
wind direction: NNE
wind speed: 1 mph
sky condition: SCATTERED
amb. temp. (F) 33° - 42°
color of emissions:
White unless noted
other:
Remarks:
Observer's Signature: EO TBL/BRS

9:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

04-09-08

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-8-08
OBSERVER:	D. Pavich
START:	am 12:17pm
FINISH:	am pm
Source:	BOF ROOF monitors
Observation Point	
HOT STRIP MILK	
AREA	
distance from:	750-800
direction from:	N W
source height:	200-215
wind direction	N W
wind speed	2-4
sky condition	PARTLY SUNNY
amb. temp. (F)	60-55
color of emissions	BROWN
UNLESS NOTED	
other:	S - SOUTH C - CENTER N - NORTH
Remarks:	West na
	78344
	39126

12:00 noon					REMARKS
MIN	0	15	30	45	
0					30 O O O O
1					31 O O O O
2					32 O O O O
3					33 O O O O
4					34 O O O O
5					35 O O O O
6					36 O O O O
7					37 O O O O
8					38 O O O O
9					39 O O O O
10					40 O O O O
11					41 O O O O
12					42 O O O O
13					43 O O O O
14					44 O O O O
15					45 O O O O
16					46 O O O O
17	O	O	O	O	47 O O O O
18	O	O	O	O	48 O O O O
19	O	O	O	O	49 O O O O
20	O	O	O	O	50 O O O O
21	O	O	O	O	51 O O O O
22	O	O	O	O	52 O O O O
23	O	O	O	O	53 O O O O
24	O	O	O	O	54 O O O O
25	O	O	O	O	55 O O O O
26	O	O	O	O	56 O O O O
27	O	O	O	O	57 O O O O
28	O	O	O	O	58 O O O O
29	O	O	O	O	59 O O O O

Observer's Signature

Ronnie L Pavich

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-8-08
OBSERVER:	D. Povich
START:	am 12:17 pm
FINISH:	am pm
Source:	BOF BOF MONITORS
Observation Point	HOT STRIP MILL AREA
distance from:	750-800
direction from:	NW
source height:	200-315
wind direction	NW
wind speed	2-4
sky condition	PARTLY SUNNY
amb. temp. (F)	50-55
color of emissions	BROWN
unless noted	
other:	S - South C - CENTER N - NORTH
Remarks:	
Observer's Signature	Donna L Povich

1.00p

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-8-06
OBSERVER:	D. Povich
START:	am 12:17pm
FINISH:	am pm
Source:	BOF ROOF MONITORS
Observation Point	HOT STRIP MILL AREA
distance from:	750-800
direction from:	NW
source height:	200-215
wind direction	NW
wind speed	2-4
sky condition	PARTLY SKY
amb. temp (F)	50-55
color of emissions	Brown
WIND DIRECTION	WEST
other:	S-SOUTH C-CENTER N-NORTH
Remarks:	2:19 - yesterday heats

2:00 p					REMARKS	MIN	0	15	30	45	REMARKS
MIN	0	15	30	45							
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	5	c	46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Donna L. Powell

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-7-08
OBSERVER:	D. Povich
START:	9:00 am
FINISH:	pm
Source:	BOP Root Monitor
Observation Point	GATE #1
distance from:	650 - 700
direction from:	S
source height	250
wind direction	N
wind speed	3
sky condition	CLEAR
amb. temp. (F)	29-39
color of emissions	BROWN
unless noted	
other:	S - SOUTH C - CENTER N - NORTH
Remarks:	9:09 1 TRAIN CAR  Heat 10, 39048 78281

9:00 a											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Donna L Povich

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-2-08
OBSERVER:	D. Povich
START:	9:00 am pm
FINISH:	am pm
Source:	BOF ACCE MONITOR
Observation Point	GATE #1
distance from:	650-700
direction from:	5
source height:	250
wind direction	N
wind speed	3
sky condition	CLEAR
amb. temp. (F)	29-34
color of emissions	BROWN
unless noted	
other	S-South C-Center N-North
Remarks:	11:00 HAS NOT HAD TWO HEATS WILL HAVE ANOTHER IN ABOUT 20-30 MIN

10:00 a						10:00 a					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	15	15	0	C-Rust	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	5	5	c	45	0	0	0	0	
16	5	5	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	5	c	48	0	0	0	0	
19	5	5	5	0		49	0	0	0	0	
20	5	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Donna L. Povich

Last Certification Date

11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-2-08
OBSERVER:	D. Povich
START:	9:00 am
FINISH:	pm
Source:	BOF
	ROOF MONITOR
Observation Point	
GATE #1 - MOVED	
TO TRAINING CENTER	
distance from:	650-700
direction from:	SW
source height	250
wind direction	N
wind speed	3
sky condition	CLEAR
amb. temp. (F)	39-34
color of emissions	BROWN
unhess	NOTED
other:	
S - SOUTH	
C - CENTER	
N - NORTH	
Remarks:	
	11:57 - Hwy. 2 and two heated
Observer's Signature	

11:00 a											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	5	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	5	5	c
14	0	0	0	0		44	5	0	0	0	c
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	5	5	5	c	51	0	0	0	0	
22	5	0	0	0	c	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 11-08-07

Donna L Povich

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-16-08
OBSERVER:	Ed Telmeris
START:	9:20 am pm
FINISH:	11:31 am pm
Source:	C-BLAST FURNACES EAST CAST HOUSE
Observation Point	WESTERN MEDICAL BUILDING
distance from:	400 ft
direction from:	NE
source height:	100 - 150'
wind direction	W SW
wind speed	7 mph
sky condition	Partly Cloudy
amb. temp. (F)	69° - 75°
color of emissions	WHITE - unless noted
other:	
Remarks:	  △ DRILLED EAST EAST HOUSE  ② PLUGGED EAST EAST HOUSE
Observer's Signature	Ed Telmeris

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	△
1						31	0	0	0	0	
2						32	0	0	0	0	△
3						33	0	0	0	0	
4						34	0	0	0	0	△
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04.09.08

△ DRILLED EAST  
EAST HOUSE

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-26-08
OBSERVER:	EO TELNESS
START:	9:20 am
FINISH:	10:30 am
Source:	CAST FURNACES NO. 1 & 2 CAST HOUSES
Observation Point	BETWEEN M150 & M160 BUT 150 FT
distance from:	400'
direction from:	N/S
source height	100' - 150'
wind direction	WSW
wind speed	7 mph
sky condition	Partly cloudy
amb. temp. (F)	69° - 75°
color of emissions	WHITE UNLESS NUMBERED
other:	
Remarks:	<p>(1) BROWN EMISSIONS FROM NO. 1 &amp; CAST HOUSES ROOF VENT</p> <p>(2) WHITE EMISSIONS FROM NO. 2 CAST HOUSES</p>
Observer's Signature	EO Telness

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	5	3	10	3	A	39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	3	5	A	54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

1. ROOF, PLUG, IRON CAST HOUSSES

2. NO. 1 & 2 CAST HOUSES, DRILLING

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-26-68
OBSERVER:	EO TBLN BT
START:	9:10 am pm
FINISH:	4:31 am pm
Source:	C-BRATT FURNACE
Observation Point	BISTAND MEDICAL BUILDING
distance from:	400'
direction from:	NE
source height:	100-150'
wind direction	WSW
wind speed	1 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	60°-75°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<p>(1) BROWN EMISSIONS EAST CAST HOUSE PIPE</p> <p>(2) HAD PROBLEM WITH TAP HOLE ON EAST CRATE ACROSS</p>
Observer's Signature	EO TBLN

11:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	10	15	15	A	30	5	3	5	3	"
1	15	20	20	n		31	0	0	0	0	A
2	15	13	13	13	n	32					
3	15	13	15	13	n	33					
4	20	20	20	15	n	34					
5	15	13	13	13	n	35					
6	15	13	16	10	n	36					
7	16	10	10	10	n	37					
8	0	0	0	0	NO CLOUDS	38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	3	3	3	3	EAST	50					
21	3	3	3	3	n	51					
22	3	3	3	3	n	52					
23	3	3	3	3	n	53					
24	3	3	3	3	n	54					
25	3	3	3	3	n	55					
26	3	3	3	3	n	56					
27	3	3	3	10	n	57					
28	10	10	10	10	n	58					
29	3	3	3	3	n	59					

Last Certification Date 09-09-68

(3) WHITE EMISSIONS OFF ROOF TOP, EAST CAST HOUSE

(4) FINISHED CASTING ON EAST

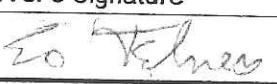
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 06/17/08	
OBSERVER: ED TELWIS	
START: 8:20 am	pm
FINISH: 10:30 am	pm
Source:	
C-BLAST FURNACES EAST CASTING	
Observation Point	
BRAND MEADOW CRESTON	
distance from: 300' - 400'	
direction from: NW	
source height: 160-180'	
wind direction NNE	
wind speed 7 mph	
sky condition Cloudy	
amb. temp. (F) 57° 64°	
color of emissions	
brownish-yellow fumes	
other:	
Remarks:	
Brown Emissions East Casting No Wind	
Observer's Signature	
ED Telwis	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53	0	0	0	0	
24						54	0	0	2	5	A
25						55	5	10	10	5	
26						56	5	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 09/09/08

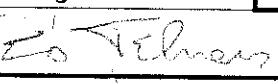
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-17-08
OBSERVER:	ED TUBERS
START:	8:30 am pm
FINISH:	10:32 am pm
Source:	C-1300 SP FURNACES C-CAST HOUSE
Observation Point	GRAND MBDTIC BUILDING
distance from:	100'-400'
direction from:	NB
source height:	100'-150'
wind direction	WNW
wind speed	7 mph
sky condition	CLSDY
amb. temp. (F)	57° - 64°
color of emissions	(NO. 72) UNLTD. ABST.
other:	
Remarks:	A BRIWAN FURNACE CAST CAST UNLTD. ABST VENT
Observer's Signature	

9:00AM						9:30AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6/17/08
OBSERVER:	ED TELMER
START:	8:50 am pm
FINISH:	10:30 am pm
Source:	CAST PUMPS EAST SIDE
Observation Point	BRAINERD MEDICAL BUILDING
distance from:	500-700'
direction from:	NB
source height:	100'-150'
wind direction	WNW
wind speed	3 mph
sky condition	CLOUDY
amb. temp. (F)	57° - 64°
color of emissions	WHITE, VIOLETS NOTED
other;	
Remarks;	<p>△ Brown Emissions OF THE E-CART HAD TOP TOP</p> <p>△ PLUGGED UP AT 10:15 PM</p>
Observer's Signature	

10:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	10	10	13	△
1	0	0	0	0		31	5	0	0	6	4
2	0	0	0	0		32	0	0	0	2	△
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 6/19/08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-9-08
OBSERVER:	Bo Tschens
START:	7:00 am pm
FINISH:	7:00 am pm
Source:	C-BLAST FURNACE EAST CAST HOUSES
Observation Point	BETWEEN MACHINERY BUILDING
distance from:	400
direction from:	NE
source height:	100'
wind direction	SSW
wind speed	9 mph
sky condition	clear
amb. temp. (F)	77°
color of emissions	white
other:	UNIVERSITY
Remarks:	CALLED @ 8:20 AM SAID WILL BE DRIVING OUT EAST CAST IN 10 MIN.  A WHITE EMISSIONS EAST CAST

9:00 AM						9:00 AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	8	0		31	0	0	0	0	
2	0	0	0	6		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	3	3	3	3	▲
5	0	0	0	0		35	3	3	3	3	■
6	0	0	0	6		36	3	3	3	5	■
7	0	0	0	6		37	3	3	3	3	■
8	0	0	0	0		38	3	3	0	0	■
9	0	3	3	6		39	0	0	0	0	■
10	0	0	0	0		40	0	0	5	3	▲
11	0	0	6	0		41	3	5	0	0	▲
12	0	0	0	3		42	0	0	3	5	▲
13	0	0	0	6		43	0	0	0	0	
14	0	0	0	0		44	3	3	3	3	▲
15	0	0	6	0		45	3	3	3	3	▲
16	0	0	0	0		46	3	3	3	3	▲
17	0	6	6	0		47	3	3	3	3	■
18	0	0	0	3		48	3	3	3	3	■
19	0	0	3	0		49	3	3	3	5	■
20	0	0	0	0		50	3	3	3	3	■
21	0	0	0	0		51	10	16	5	5	
22	0	0	0	0		52	3	3	3	3	
23	0	3	0	3		53	3	3	3	3	
24	0	0	0	0		54	3	3	3	3	
25	0	0	0	0		55	3	3	3	3	▲ (BRO)
26	0	0	6	0		56	10	10	10	13	
27	0	0	0	5		57	3	3	3	3	
28	0	0	0	6		58	0	0	0	0	
29	0	0	3	0		59	0	0	0	0	

Observer's Signature

Bo Tschens

Last Certification Date

04-07-08

△ HOUSE ROOF VENT

▲ GOT CALLED, SAID THIS WOULD PLUG UP IN 5 MINUTES.

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: <i>6/4</i> <i>4-6-08</i>	
OBSERVER: <i>EO Tschens</i>	
START: <i>8:20 am</i> pm	
FINISH: <i>9:29 am</i> pm	
Source: <i>C-BLAST FURNACE N-CAST HOUSE</i>	
Observation Point <i>BEHIND PHYSICAL BUILDING</i>	
distance from: <i>200 - 400'</i>	
direction from: <i>NE</i>	
source height: <i>100'</i>	
wind direction <i>ENE</i>	
wind speed <i>9 mph</i>	
sky condition <i>OVERCAST</i>	
amb. temp. (F) <i>63 - 66°</i>	
color of emissions <i>WHITE CONCEDED NOSES</i>	
other:	
Remarks: <i>CALLED DRILLING OUT ON THE NORTH CAST HOUSE IN 5 MINUTES</i>	
Observer's Signature <i>EO Tschens</i>	

6:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
1						31	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
2						32	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
3						33	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
4						34	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
5						35	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
6						36	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
7						37	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
8						38	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
9						39	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
10						40	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
11						41	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
12						42	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
13						43	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
14						44	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
15						45	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
16						46	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
17						47	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
18						48	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
19						49	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
20	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		50	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
21	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		51	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
22	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		52	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
23	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		53	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
24	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		54	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
25	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		55	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
26	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		56	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
27	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		57	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
28	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		58	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
29	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>		59	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	

Last Certification Date 04-09-08

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

6/4

DATE:	4/6/08
OBSERVER:	EO TRINIDAD
START:	8:20 am pm
FINISH:	9:29 am pm
Source:	C-BLAST FURNACE N-CNT HOUSE
Observation Point	BENINO MEDICAL BUILDING
distance from:	400'
direction from:	SW
source height:	100'
wind direction	ENE
wind speed	9 mph
sky condition	OVERCAST
amb. temp. (F)	63-66°
color of emissions	WHITE (UNLIT)
other:	
Remarks:	<p>(1) ESTIMATES PLUGGING UP ON (N) CAST HOUSE IN 10 MIN.</p> <p>(2) CAST-BLAST STILL CASTING OUT ON N-CNT HOUSE</p>
Observer's Signature	EO TRINIDAD

9:00 AM					9:29 AM						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0	A	36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0	A	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0				
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0	A	59					

Last Certification Date

04-07-08

(1) ANESTHESI S-10 MINUTES

(2) CALLED XT-~~9:10~~ AM - SAID  
FINISHED PLUGGING UP AT 9:29 AM.

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-29-08
OBSERVER:	EO TELMEZAN
START:	7:15 am
FINISH:	11:18 pm
Source:	C-BLAST FURNACE NORTH CAST HOUSES
Observation Point	REFINING MELTSHED CENTRAL
distance from:	400-450'
direction from:	NB
source height:	150'
wind direction	NNW
wind speed	1 mph
sky condition	CLEAR
amb. temp. (F)	45°
color of emissions	White unless noted
other:	
Remarks:	
Observer's Signature	<i>EO Telmezan</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-19-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	S-28-08
OBSERVER:	EO TELMERS
START:	9:15 am
FINISH:	11:18 am
Source:	C-BLAST FURNACE NORTH CAST HOUSE
Observation Point	BEHIND HEALTH CENTRAL
distance from:	400-450'
direction from:	NE
source height	1600'
wind direction	NINE
wind speed	7 mph
sky condition	CLEAR
amb. temp. (F)	48°
color of emissions	LIGHT CLOUDS NO SMOKE
other:	
Remarks:	A NORTH CAST HOUSE EMISSIONS BLACK, DENSE
Observer's Signature	EO Telmers

10:00AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	A
1	0	0	0	0		31	0	0	0	0	8
2	0	0	0	0	B	32	0	0	0	0	8
3	0	0	0	0		33	0	0	0	0	0
4	0	0	0	0		34	0	0	0	0	0
5	0	0	0	0		35	0	0	0	0	0
6	0	0	0	0		36	0	0	0	0	0
7	0	0	0	0		37	0	0	0	0	0
8	0	0	0	0		38	0	0	0	0	0
9	0	0	0	0		39	0	0	0	0	0
10	0	0	0	0		40	0	0	0	0	0
11	0	0	0	0		41	0	0	0	0	0
12	0	0	0	0		42	0	0	0	0	0
13	0	0	0	0		43	0	0	0	0	0
14	0	0	0	0		44	0	0	0	0	0
15	0	0	0	0		45	0	0	0	0	0
16	0	0	0	0		46	0	0	0	0	0
17	0	0	0	0		47	0	0	0	0	0
18	0	0	0	0		48	0	0	0	0	0
19	0	0	0	0		49	0	0	0	0	0
20	0	0	0	0		50	0	0	0	0	0
21	0	0	0	0		51	0	0	0	0	0
22	0	0	0	0		52	0	0	0	0	0
23	0	0	0	0		53	0	0	0	0	0
24	0	0	0	0		54	0	0	0	0	0
25	0	0	0	0		55	0	0	0	0	0
26	0	0	0	0		56	0	0	0	0	0
27	0	0	0	0		57	0	0	0	0	0
28	0	0	0	0		58	0	0	0	0	0
29	0	0	0	0		59	0	0	0	0	0

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-28-08				
OBSERVER:	ED TELWES				
START:	9:15	am	pm		
FINISH:	am	pm			
Source:	BLAST FURNACE NORTH CAST HOUSE				
Observation Point	BEHIND REAR CENTR				
distance from:	400 - 450'				
direction from:	NR				
source height:	100'				
wind direction	WNW				
wind speed	7 mph				
sky condition	CLEAR				
amb. temp. (F)	43°				
color of emissions	WHITE UNLESS NOTED				
other:					
Remarks:	• 11:28 AM FINISHED PLUGGING 60' NORTH CAST HOUSE 10 MPH REAR CENTR				
Observer's Signature					

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	8	0		57					
28	0	0	8	0		58					
29						59					

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-22-08
OBSERVER:	Ed Tolmer
START:	8:30 am
FINISH:	10:16 am
Source:	C-R BLAST FURNACE NORTH CAST HOUSE
Observation Point	BETHLEHEM MEDICAL BUILDING
distance from:	400 ft
direction from:	NB
source height	160'
wind direction	NNW
wind speed	10 mph
sky condition	overcast
amb. temp. (F)	45°-55°
color of emissions	white unless noted
other:	
Remarks:	
Observer's Signature	Ed Tolmer

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-22-08
OBSERVER:	Ed Telmer
START:	8:30 am
FINISH:	10:00 am
Source:	C BLAST FURNACES NORTH CAST HOUSES
Observation Point	BEHIND MEDICAL BUILDING
distance from:	400 ft
direction from:	NB
source height:	100'
wind direction	NNW
wind speed	10 mph
sky condition	OVERCAST
amb. temp. (F)	45° - 55°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	▲ NURIA CAST HOUSES ROOF WHITE EN(M)STED
Observer's Signature	Ed Telmer

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	5	5	▲
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	5	5	5	3	▲
14	0	0	0	0		44	3	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	5	5	▲
29	0	0	0	0		59	5	5	5	5	■

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	S-22-08
OBSERVER:	EO TELNISER
START:	8:30 am pm
FINISH:	10:10 am pm
Source:	C-BLAST FURNACE NORTH CAST HOUSE
Observation Point	BETWEEN MEDICAL BUILDING
distance from:	400'
direction from:	N/E
source height	150'
wind direction	NNE
wind speed	10 MPH
sky condition	OVERCAST
amb. temp. (F)	45° - 55°
color of emissions	WHITE UNDERTONE
other:	
Remarks:	<p>△ NORTH CAST HOUSE ROOF WHITE EMISSIONS △ NORTH CAST HOUSE ROOF BROWN EMISSIONS</p>
Observer's Signature	EO Telner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	3	3	3	3	A	31					
2	3	3	3	3	2	32					
3	3	3	10	10	11	33					
4	10	10	13	15	11	34					
5	10	5	5	0	11	35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0	A	39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-09-08

△ FINISHED PLUG & NO. OF

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05-12-08												
OBSERVER:	Ed Tahmene												
START:	12:00 PM												
FINISH:	am	pm											
Source:													
C - BLAST FURN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS		
E - CAST HOUSE	1					30							
Observation Point	2					31							
BEHIND MEDICAL	3					32							
BUILDING	4					33							
distance from:	5					34							
direction from:	6					35							
source height:	7					36							
wind direction	8					37							
wind speed	9					38							
sky condition	10					39							
amb. temp. (F)	11					40							
color of emissions	12					41							
WHITE UNLESS NOTED	13					42							
other:	14					43							
Remarks:	15					44							
	16					45							
	17					46							
	18					47							
	19					48							
	20					49							
Observer's Signature	21					50	○	○	○	○			
<i>Ed Tahmene</i>	22					51	○	△	○	○			
	23					52	○	○	○	○			
	24					53	○	○	○	○			
	25					54	○	○	○	○			
	26					55	○	○	○	○			
	27					56	○	○	○	○			
	28					57	○	○	○	○			
	29					58	○	○	○	○			
						59	○	○	○	○			

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	○	○	○	○	
21						51	○	△	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 05-12-08
OBSERVER: Ed Telness
START: am 12:30 pm
FINISH: am pm
Source: C-BLAST FURNACE TS-CAST HOUSE
Observation Point: Behind MECHANICAL BUILDING
distance from: 500'
direction from: SE
source height: 150
wind direction: NNE
wind speed: 11 mph
sky condition: CLOUDY
amb. temp. (F) 49°-52°
color of emissions: COLD/TEAL/LESS RED
other:
Remarks:
Observer's Signature: Ed Telness

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date: 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05-12-08			
OBSERVER:	ED TELNERS			
START:	am	12:56	pm	2:00PM
FINISH:	am	pm		
Source:	C - BLAST FURNACE B - CAST HOUSE			
Observation Point	13TH FLOOR MEDICAL BUILDINGS			
distance from:	500			
direction from:	SW			
source height:	150			
wind direction	NNW			
wind speed	11 mph			
sky condition	Cloudy			
amb. temp. (F)	73° - 53°			
color of emissions	Lukite UNDERS NODS			
other:				
Remarks:	<p><b>A</b> WHITE EMISSIONS OFF B - CAST HOUSE RCF</p> <p><b>B</b> PULLED UP AT 2:18 PM</p>			

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	3		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	3	3	5	2	▲	36					
7	0	3	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	3	3	5	3	▲	40					
11	3	3	3	5	▲	41					
12	0	3	3	3		42					
13	0	0	0	0		43					
14	0	0	0	3	▲	44					
15	0	0	0	0		45					
16	5	3	3	5	▲	46					
17	3	3	3	3	▲	47					
18	5	3	3	5	▲	48					
19	3	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

*Ed Telners*

Last Certification Date

*4-09-08*

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-6-08
OBSERVER:	EO TELNICK
START:	8:00 am pm
FINISH:	8:37 am pm
Source:	C-BLAST FURNACE EAST CAST HOUSE
Observation Point	B-BOARD MEDICAL BUILDING
distance from:	300'
direction from:	NE
source height	100ft
wind direction	NE
wind speed	3 mph
sky condition	Partly Cloudy
amb. temp. (F)	47° - 60°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	DRILLING ON C-BLAST CAST HOUSE IN 3 MIN/ A WHITE EMISSION OFF EAST CAST HOUSE ROOF
Observer's Signature	EO Telnick

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	5	10	15	DAIRY
1	○	○	○	○		31	15	15	15	15	II
2	○	○	○	○		32	15	15	15	15	
3	○	○	○	○		33	15	15	10	10	
4	○	○	○	○		34	5	5	5	0	
5	○	○	○	○		35	10	15	15	15	DRAIN
6	○	○	○	○		36	10	10	5	5	WHITE
7	○	○	○	○		37	5	0	0	0	II
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date

04-09-08

WHITE EMISSIONS, PLUGGED  
UP EAST CAST HOUSE

# SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04-28-08
OBSERVER:	KD TEBELIN
START:	10:50 am
FINISH:	12:43 pm
Source:	C-BLAST FURNACE EAST CAST HOUSE
Observation Point	REFINED MEDICAL BUILDING
distance from:	450'
direction from:	NB
source height	100'
wind direction	NNE
wind speed	3 mph
sky condition	OVERCAST
amb. temp. (F)	47° - 51°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 04-09-08

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-3-08
OBSERVER:	D Povich
START:	9:12 am
FINISH:	pm
Source:	CBLAST
FURNACE ROOF	
MONITORS	
Observation Point	
BACK OF MEDICAL CENTER	
distance from:	350-400
direction from:	NE
source height:	100
wind direction	NNE
wind speed	3
sky condition	SCATTERED CLOUDS
amb. temp. (F)	31-36
color of emissions	BLACK
unless noted	
other	
Remarks:	Catched 7.02 NORTH IN 10-15 MIN.

9:00 a					REMARKS	REMARKS				
MIN	0	15	30	45		MIN	0	15	30	45
0						30	0	0	0	0
1						31	0	0	0	0
2						32	0	0	5	5 GREY
3						33	5	0	0	0
4						34	0	0	0	0
5						35	0	0	0	0
6						36	0	0	0	0
7						37	0	0	0	0
8						38	0	0	0	0
9						39	0	0	0	0
10						40	0	0	0	0
11						41	0	0	0	0
12	0	0	0	0		42	0	0	0	0
13	0	0	0	0		43	0	0	0	0
14	0	0	0	0		44	0	0	0	0
15	0	0	0	0		45	0	0	0	0
16	0	0	0	0		46	0	0	0	0
17	0	0	0	0		47	0	0	0	0
18	0	0	0	0		48	0	0	0	0
19	0	0	0	0		49	0	0	0	0
20	0	0	0	0		50	0	0	0	0
21	0	0	0	0		51	0	0	0	0
22	0	0	0	0		52	0	0	0	0
23	0	0	0	0		53	0	0	0	0
24	0	0	0	0		54	0	0	0	0
25	0	0	0	0		55	0	0	0	0
26	0	0	0	0		56	0	0	0	0
27	0	0	0	0		57	0	0	0	0
28	0	0	0	0		58	0	0	0	0
29	0	0	0	0		59	0	0	5	0

's Signature

*D Povich*Last Certification Date 11-08-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-3-08	
OBSERVER:	D. Pavich	
START:	9:12 am	pm
FINISH:	am	pm
Source:	CBH11ST FURNACE ROOF MONITORS	
Observation Point	BACK OF MEDICAL CENTER	
distance from:	350 - 400	
direction from:	NE	
source height:	100	
wind direction	WNE	
wind speed	3	
sky condition	SCATTERED CLOUDS	
amb. temp. (F)	35-38	
color of emissions	Black	
units(s) noted		
other:		

10.00 a.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	5	5	10	5	RUST	32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	3	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
	0	0	0	0		57	0	0	0	0	
	0	0	0	0		58	0	0	0	0	
	1	0	0	0		59	0	0	0	0	

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-3-08
OBSERVER:	D. Povich
START:	9:12 am
FINISH:	pm
Source:	c BLAST FURNACE ROOF MONITORS
Observation Point	BACK OF MEDICAL CENTER
distance from:	350 - 400
direction from:	NE
source height:	100
wind direction	NNE
wind speed	3
sky condition	SCATTERED Clouds
amb. temp. (F)	37-40
color of emissions	BLACK UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Donna L Povich

11:00 a											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 11-08-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-3-08	
OBSERVER:	D. Povich	
START:	9:12 am	pm
FINISH:	am	pm
Source:	c - BLAST FURNACE ROOF MONITORS	
Observation Point	BACK OF MEDICAL CENTER	
distance from:	350 - 400	
direction from:	NNE	
source height:	100	
wind direction	NNE	
wind speed	3	
sky condition STARTING	partly cloudy	
amb. temp. (F)	40-45	
color of emissions	black	
UNLESS NOTED		
other:		
Remarks:	12:16 CAHED DID PLUG SEVERAL MIN AGO	

12:00 noon											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	5	5		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date 11-08-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-28-08
OBSERVER:	Ed Tishers
START:	10:30 am
FINISH:	12:45 pm
Source:	C-BLAST FURNACE EAST CAST HOUSE
Observation Point	REAR MEDICAL BUILDING
distance from:	450'
direction from:	NE
source height	100'
wind direction	NNW
wind speed	3 mph
sky condition	OVERCAST
amb. temp. (F)	47°-50°
color of emissions	WHITE ONES NOT BD
other,	
Remarks;	* 10:30AM DRILLED CUT EAST CAST HOUSE
Observer's Signature	Edmund Tishers

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	09-28-08
OBSERVER:	ED TELHORS
START:	10:00 am
FINISH:	am 12:45 pm
Source:	C-BLAST FURNACE EAST CAST HOUSE
Observation Point	BETHLEHEM MEDICAL BUILDING
distance from:	450'
direction from:	NE
source height	100'
wind direction	NNW
wind speed	Smpl
sky condition	OVERCAST
amb. temp. (F)	47°-50°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<p>△ WHITE EMISSIONS OFF ROLL CRANE TO C-BLAST FURNACE W/</p> <p>* CALLED 12:45 PM SWEET FINISHED WORK UP ON EAST SIDE</p>
Observer's Signature	<i>Ed Telhors</i>

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	5	5	5	5	△
1	○	○	○	○		31	5	5	5	5	△
2	○	○	○	○		32	5	5	5	5	△
3	○	○	○	○		33	5	5	5	5	△
4	○	○	○	○		34	3	5	5	5	△
5	○	○	○	○		35	3	5	5	5	△
6	○	○	○	○		36	5	5	5	5	△
7	○	○	○	○		37	5	5	5	5	△
8	○	○	○	○		38	5	5	5	5	△
9	○	○	○	○		39	5	5	5	5	△
10	○	○	○	○		40	3	5	5	5	△
11	○	○	○	○		41	5	5	5	5	△
12	○	○	○	○		42	5	5	5	5	△
13	○	○	○	○		43	3	5	5	5	△
14	○	○	○	○		44	5	5	5	5	△
15	○	○	○	○		45	0	0	0	0	
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	5	△	58					
29	5	3	5	5	△	59					

Last Certification Date 09-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-22-08
OBSERVER:	Ed Tehmers
START:	9:00 am
FINISH:	10:35 pm
Source:	C-BLAST FURNACES (E-CAST House)
Observation Point	BEHIND MEDICAL BUILDING
distance from:	400-450'
direction from:	N/E
source height	100-150'
wind direction	ENE
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	53-66°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	Cloudy, saw setting READY TO DRUG EAST CAST HOUSE △ WHITE EMISSIONS FROM E-CAST HOUSE ROOF

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	6		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	8		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	B	8	0	0		45	0	0	0	0	
16	B	8	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	8		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	8		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	8		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	A
25	0	0	0	0		55	5	5	5	5	n
26	0	0	0	0		56	5	5	5	5	n
27	0	0	0	0		57	5	5	5	5	n
28	0	0	0	0		58	5	5	5	5	n
29	0	0	0	0		59	5	5	5	5	n

Observer's Signature

Ed Tehmers

Last Certification Date: 04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-22-08
OBSERVER:	ED TELNERS
START:	9:00 am
FINISH:	10:35 am <del>10:35 pm</del>
Source:	C-BLAST FURNACES (E-CAST HOUSE)
Observation Point	BEHIND MEDICAL BUILDING
distance from:	400 - 450'
direction from:	NE
source height	100 - 150'
wind direction	ENE
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	53° - 66°
color of emissions	WHITE UNLBBS NOTED
other:	
Remarks:	<p><b>A</b> WHITE EMISSIONS OF E-CAST HOUSE REAK</p> <p><b>A</b> BLACK EMISSIONS OF EAST CREST HOUSE</p>
Observer's Signature	Ed Telner

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	A	30	5	5	5	5	A
1	5	5	5	5	"	31	5	5	5	5	"
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	10	10	10	A
4	0	0	0	0		34	10	10	10	10	"
5	0	0	0	0		35	10	5	5	5	"
6	0	0	0	0		36	5	5	5	5	A
7	0	0	0	5		37	5	8	8	6	"
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	3	3	3	A	40	0	0	0	0	A
11	5	5	5	5	"	41					
12	5	5	5	5	"	42					
13	5	5	5	5	"	43					
14	5	5	5	5	"	44					
15	5	5	5	5	"	45					
16	5	5	5	5	"	46					
17	5	5	5	5	"	47					
18	5	5	5	5	"	48					
19	5	5	5	5	"	49					
20	5	5	5	5	"	50					
21	5	5	5	5	"	51					
22	5	5	5	5	"	52					
23	5	5	5	5	"	53					
24	5	5	5	5	"	54					
25	10	10	10	10	"	55					
26	10	10	10	10	"	56					
27	15	10	15	15	"	57					
28	15	10	10	10	"	58					
29	10	10	10	10	"	59					

Last Certification Date

04-09-08

**A** PLUGGED UP 6 MINUTES EARLIER

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04-16-08
OBSERVER:	Ed Telmers
START:	11:55 am
FINISH:	pm
Source:	C-BLAST FURNACES EAST CAST HOUSES
Observation Point	TSB HINO MEDICAL CENTERS
distance from:	450'
direction from:	NB
source height	100'
wind direction	SSW
wind speed	10 mph
sky condition	CLEAR
amb. temp. (F)	43°-57°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	D RILLING ON EAST CAST HOUSE WHITE EMISSION OFF ROOF EAST CAST HOUSE
Observer's Signature	Ed Telmers

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	A	
9						39	0	0	0	0	
10	0	0	0	0	△	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	5	5	5	5	△ WHITE
19	0	0	0	5		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	5		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	△
25	0	0	0	0		55	5	10	10	5	0
26	0	0	0	0		56	5	5	5	5	0
27	0	0	0	0		57	5	5	5	5	0
28	0	0	0	0		58	5	5	5	5	0
29	0	0	0	0		59	5	5	5	5	0

Last Certification Date

04-07-08

△ WHITE EMISSION OFF EAST CAST HOUSES

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-16-08
OBSERVER: Ed Telmer
START: 9:15 am
FINISH: pm
Source:
C-BLK RD FURNACE
EAST CAST HOUSES
Observation Point
SECOND MBOPICAL CENTR FC
distance from: 4561
direction from: NIS
source height: 160'
wind direction SSW
wind speed 10 mph
sky condition CLEAR
amb. temp. (F) 43° - 59°
color of emissions BROWN
WALLS NOT SO
other:
Remarks:
<i>A) WHITE EMISSIONS OFF RD &amp; EAST HOUSE ROOF</i>
<i>B) PLUME BY UP AT 10:13 AM</i>
Observer's Signature

10:08 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	▲	30					
1	5	3	3	3	11	31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	6	0	0	0		34					
5	0	0	0	0		35					
6	0	6	6	6		36					
7	0	8	8	6		37					
8	0	8	8	6		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	5	10	10	15		42					
13	10	3	5	5	▲	43					
14	0	0	6	0	~	44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 04-16-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-10-08
OBSERVER:	ED TELNERS
START:	8:15 am pm
FINISH:	9:40 am pm
Source:	C-BLAST FURNACE
Observation Point	BEHIND MEDICAL BUILDING
distance from:	500'
direction from:	NB
source height:	150'
wind direction	ENB
wind speed	7 mph
sky condition	Cloudy
amb. temp. (F)	380
color of emissions	Brown UNLESS noted
other:	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
19						49	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25						55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26						56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27						57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28						58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29						59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Signature

Ed Telners

Last Certification Date

04-09-08

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 04-10-08
OBSERVER: Ed TEHNERS
START: 8:45 am pm
FINISH: 10:00 am pm
Source: C-BLAST FURNACES
Observation Point
BERWIND MEDICAL BUILDING
distance from: 500'
direction from: NE
source height: 150'
wind direction: ENN
wind speed: 2 mph
sky condition: cloudy
amb. temp. (F) 38°-48°
color of emissions
BROWN UNLESS NOTED
other:
Remarks:
▲ DRILLED OUT @ EAST CAST HOUSE
▲ PLUGGED UP EAST BLAST FURN. EMISSIONS ARE EAST ROLLING...
Observer's Signature
<i>Ed Tehnern</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	5	5	10	▲
7	○	○	○	○		37	S	10	10	10	
8	○	○	○	○		38	10	10	10	10	
9	○	○	○	○		39	5	5	5	0	
10	○	○	○	○		40	0	0	0	0	▲
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○	▲	45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date 04-10-08

▲ - CLOSEST TO BLAST FURNACE EAST WALL